

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A method for processing content requests in a network having at least one content provider having stored documents in an unprocessed format, a proxy server and at least one client, the method comprising the following steps performed by the proxy server, of:

receiving a request from the client for a document associated with the content provider;

determining whether the document is an unprocessed extensible markup language (XML) document;

when it is determined that the document is an unprocessed XML document, determining whether a processed version of the document is located in a local cache;

when it is determined that the processed version of the document is located in the local cache, providing the processed version of the document to the client; and

when it is determined that the processed version of the document is not located in the local cache, (i) obtaining the unprocessed document associated with the content provider; (ii) processing the unprocessed document in accordance with predetermined instructions associated with the unprocessed document; and (iii) providing the processed version of the identified processed document to the client.

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2. (Original) The method of claim 1, wherein the step of processing the unprocessed document, further comprises the step of storing the processed version of the document in the local cache.

3. (Currently amended) The method of claim 1, wherein the predetermined instructions associated with the unprocessed document are stored in a stylesheet associated with the content provider ~~step of determining whether a processed version of the document is located in local cache, further comprises the step of ascertaining whether the document is written in a second markup language, wherein said second markup language is a processed version of said first markup language.~~

4 - 5. (Canceled)

6. (Currently amended) A method for processing content requests in a network having at least one content provider having stored documents in an unprocessed format, a proxy server and at least one client, the method comprising the following steps performed by the proxy server, of:

receiving an unprocessed document from the content provider, wherein the document was requested by the client;

determining whether the document is an unprocessed extensible markup language (XML) document;

when it is determined that the document is an unprocessed XML document,  
determining whether a processed version of the document is located in a local cache;

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when it is determined that the processed version of the document is located in the local cache, providing the processed version of the document to the client; and

when it is determined that the processed version of the document is not located in the local cache, (i) processing the unprocessed document in accordance with predetermined instructions associated with the unprocessed document; and (ii) providing the processed version of the identified processed document to the client.

7. (Original) The method of claim 6, wherein the step of processing the unprocessed document, further comprises the step of storing the processed version of the document in the local cache.


8. (Currently amended) The method of claim 6, wherein the predetermined instructions associated with the unprocessed document are stored in a stylesheet ~~step of determining whether a processed version of the document is located in local cache, further comprises the step of ascertaining whether the document is written in a second markup language, wherein said second markup language is a processed version of said first markup language.~~

9. (Canceled)

10. (Currently amended) An Internet Proxy server comprising:  
a memory having program instructions; and

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 a processor configured to use the program instructions to receive a request from [[the]] a client for a document associated with the content provider; to determine whether the document is an unprocessed extensible markup language (XML) document; when it is determined that the document is an unprocessed XML document, to determine whether a processed version of the document is located in a local cache; when it is determined that the processed version of the document is located in the local cache, to provide the processed version of the document to the client; and when it is determined that the processed version of the document is not located in the local cache, (i) obtain the unprocessed document associated with the content provider; (ii) process the unprocessed document in accordance with predetermined instructions associated with the unprocessed document; and (iii) provide the processed version of the identified processed document to the client.

11. (Original) The server of claim 10, wherein the instruction to process the unprocessed document, further comprises the step of storing the processed version of the document in the local cache.

12. (Currently amended) The server of claim 10, wherein the predetermined instructions associated with the unprocessed document are stored in a stylesheet ~~instruction to determine whether a processed version of the document is located in local cache, further comprises the instruction to ascertain whether the document is written in a second markup language, wherein said second markup language is a processed version of said first markup language.~~

13 - 18. (Canceled)

19. (Currently amended) A data processing system for processing content requests in a network having at least one content provider having stored documents in an unprocessed format, a proxy server and at least one client, the system comprising:

means for receiving a request from the client for a document associated with the content provider;

means for determining whether the document is an unprocessed extensible markup language (XML) document;

means for determining whether a processed version of the document is located in a local cache when it is determined that the document is an unprocessed XML document;

means for providing the processed version of the document to the client when it is determined that the processed version of the document is located in the local cache, ~~means for providing the processed version of the document to the client; and~~

~~when it is determined that the processed version of the document is not located in the local cache;~~ (i) means for obtaining the unprocessed document associated with the content provider when it is determined that the processed version of the document is not located in the local cache; (ii) means for processing the unprocessed document in accordance with predetermined instructions associated with the unprocessed document when it is determined that the processed version of the document is not located in the

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local cache; and (iii) means for providing the processed version of the identified processed document to the client when it is determined that the processed version of the document is not located in the local cache.

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